

IN THE SPECIFICATION

Please amend paragraph [0044] of the above-named application as follows:

[0044] Seal ring 319 is disposed between threaded section 317 and collar support section 5. This torroidal seal ring may have a thin front section which fits into the annulus between the outer surface of probe body 1 and the inner surface of the bore in seal body 303. The seal ring may have a thicker rear section which fits between second end 311 and an inner surface of collar support section 5. The dimensions of collar support section 5 should be designed appropriately for the anticipated differential operating pressure across the seal (i.e., the pressure difference between the interior of the pressure vessel and atmospheric pressure) formed by seal ring 319, collar support section 5, and the face of second end 311 of seal body 303. The radial height of collar support section 5, which is the distance that the collar support projects outward radially from, should be sufficient to avoid failure of the collar support section by compression. The axial thickness of collar support section 5 should be sufficient to avoid collar failure due to the axial shear caused by the pressure differential. The ratio of the distance between the end of probe body 1 and collar support section 5 to the distance from collar support section 5 to the end of horn 7 may be between 1:10 and 10:1